

ABSTRACT

In the present invention, forming is carried out by employing casting to rapidly solidify molten material comprising a copper base alloy containing 3 to 20 % Ag (mass% hereinafter), 0.5 to 1.5 % Cr and 0.05 to 0.5 % Zr. Next, an aging treatment for precipitation is carried out at 450 to 500°C, and the formed article is obtained by precipitation strengthening. In addition, in the aforementioned copper base alloy, molten material comprising a copper base alloy containing Ag in the amount of 3 to 8.5 % is solidified by casting, and the solidified article or the hot worked article thereof is subjected to an aging treatment for precipitation and a thermomechanical treatment using forging or rolling, and the casting is obtained by forming the material into a specific shape and carrying out precipitation strengthening.